

Title (en)

MALEIC ANHYDRIDE PRODUCTION WITH HIGH BUTANE FEED CONCENTRATION

Publication

EP 0112323 B1 19890712 (EN)

Application

EP 83870133 A 19831219

Priority

US 45111882 A 19821220

Abstract (en)

[origin: EP0112323A1] An improvement in a process for the production of maleic anhydride by the catalytic vapor phase oxidation of a saturated aliphatic hydrocarbon having 4-10 carbon atoms in the presence of a catalyst comprising phosphorus, vanadium and oxygen, wherein long reactor tubes are used in a process employing a high feed concentration and low space velocity so as to minimize air compression.

IPC 1-7

B01J 8/04; C07C 51/215; C07C 57/145

IPC 8 full level

C07D 307/60 (2006.01); **C07C 51/215** (2006.01)

CPC (source: EP US)

C07C 51/215 (2013.01 - EP US)

Citation (examination)

US 4342699 A 19820803 - PALMER DAVID A, et al

Cited by

EP0326536A1

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0112323 A1 19840627; EP 0112323 B1 19890712; CA 1198443 A 19851224; DE 3380174 D1 19890817; JP H0570628 B2 19931005; JP S59161369 A 19840912; US 4501907 A 19850226

DOCDB simple family (application)

EP 83870133 A 19831219; CA 443638 A 19831219; DE 3380174 T 19831219; JP 23959483 A 19831219; US 45111882 A 19821220